

Manhole Inspection Summary

Manhole # S43E__020MH

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Inspection Is Incomplete Rating: **3) Fair**

Record Plat: **43E** Node: **020** Status: **Found**

Insp Date: **1/5/09 10:21 AM**

Incomplete Comments

Crew: **REI**
Inspector: **paulfry**
Firm: **ATS**

Location Address: **1600 E BALTIMORE ST**

Cross Street: **N BOND ST**

Manhole Type: **Junction**

Location: **Roadway**

Ground Conditions: **Dry**

Prev. Rehab

Weather: **Dry**

Subject To Ponding: **Sheeting**

Comments

Cover

Shape: **Circular**

Diameter: **24** (in.) Length: **0** (in.) Dist A/B Grade: **0** (in.)

Type: **Sanitary**

Condition: **Worn**

Cover Material: **Cast Iron**

Properties: Bolted Vented Water Tight Water Tight Insert

Frame

Offset: **6** (in.)

Condition: Sound Cracked Leaks

Chimney / Frame Adjustment

Exists Material: **Brick and Concrete** Parged Height: **8** (in.)

Condition: Sound **Cracked** Root Intrusion Loose Brick Deteriorated

Infiltration: None Joint Cracks Mortar Roots Wall

Corbel

Material: **Brick**

Parged

Type: **Concentric/Eccentric**

Condition: Sound Cracked Root Intrusion Loose Brick Deteriorated

Infiltration: None **Joint** Cracks Mortar Roots Wall

Barrel

Material: **Brick**

Parged

Shape: **Circular**

Diameter: **42** (in.) Length: **0** (in.)

Condition: Sound Cracked Root Intrusion Loose Brick Deteriorated

Infiltration: None Joint Cracks **Mortar** Roots Wall

Bench

Exists Material: **Brick**

Parged

Condition: Sound Cracked Root Intrusion Deteriorated Leaks Debris

Channel

Material: **Brick**

Parged

Channel Exposure: **Fully Open** Junc Dist: **0** nearest .5 ft. Azimuth: **0**

Condition: Sound Cracked Root Intrusion Deteriorated Leaks Debris

Steps

Count: **8** Missing: **0** **Corroded**

Surcharge

Evidence Of Surcharge Depth: **0** (ft.) Active Surcharge Present

Location View



Top View



Miscellaneous



worn cover

Miscellaneous



evidence of inflow from sheeting

Miscellaneous



bench debris

Miscellaneous



channel debris

Defect 4



INFILTRATION @ BARREL MORTAR

Defect 3



INFILTRATION @ CORBEL/CHIMNEY JOINT

Defect 2



CORRODED STEPS

Defect 6



offset

Defect 5



cracked frame adj

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8 in. Circular Gravity Sewer
Pipe Out @ 12 O'Clock

12 O'Clock Outflow



Pipe Height: **8.4** (in.) Rod and Bar (Angled)
Pipe Material: **Clay** Pipe Lined
Invert Depth: **13.89** (ft.) Flow Characteristics: **Slow**
Deposits: None **Mud** Sludge **Debris** Grease
Silt Depth: **2** (in.) Deposits Extent: **Light**
Infiltration: **None** Pipe Seal Cond: **Sound**

Drop: **None**

Connects To: **Manhole**
 Possible Illicit Connection

8 in. Circular Gravity Sewer
Pipe In @ 3 O'Clock

3 O'Clock Inflow

Drop In @ 3 O'Clock



Pipe Height: **8.4** (in.) Rod and Bar (Angled)
Pipe Material: **Clay** Pipe Lined
Invert Depth: **13.70** (ft.) Flow Characteristics: **Slow**
Deposits: None Mud Sludge **Debris** Grease
Silt Depth: **0** (in.) Deposits Extent:
Infiltration: **None** Pipe Seal Cond: **Sound**



Drop: **None**

Connects To: **Connecting Node Not Available**
 Possible Illicit Connection

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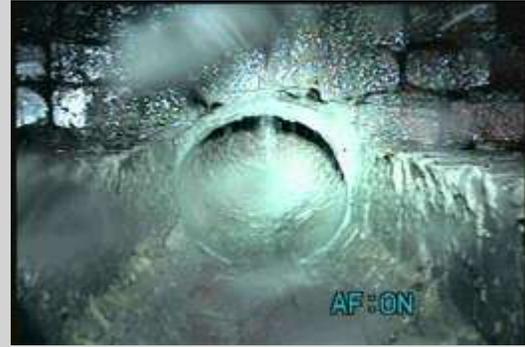
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8 in. Circular Gravity Sewer
Pipe In @ 6 O'Clock

6 O'Clock Inflow

Drop In @ 6 O'Clock



Pipe Height: **8.4** (in.) Rod and Bar (Angled)
Pipe Material: **Clay** Pipe Lined
Invert Depth: **10.88** (ft.) Flow Characteristics: **Slow**
Deposits: None Mud Sludge **Debris** Grease
Silt Depth: **0** (in.) Deposits Extent: **Medium**
Infiltration: **None** Pipe Seal Cond: **Sound**

Drop: Outside	Rod and Bar
Angled: Yes	Reading: 12.48 (ft.)
	Inv Depth: 13.48 (ft.)
Drop Condition: Partly Clogged	
Connects To: Manhole	
<input type="checkbox"/> Possible Illicit Connection	